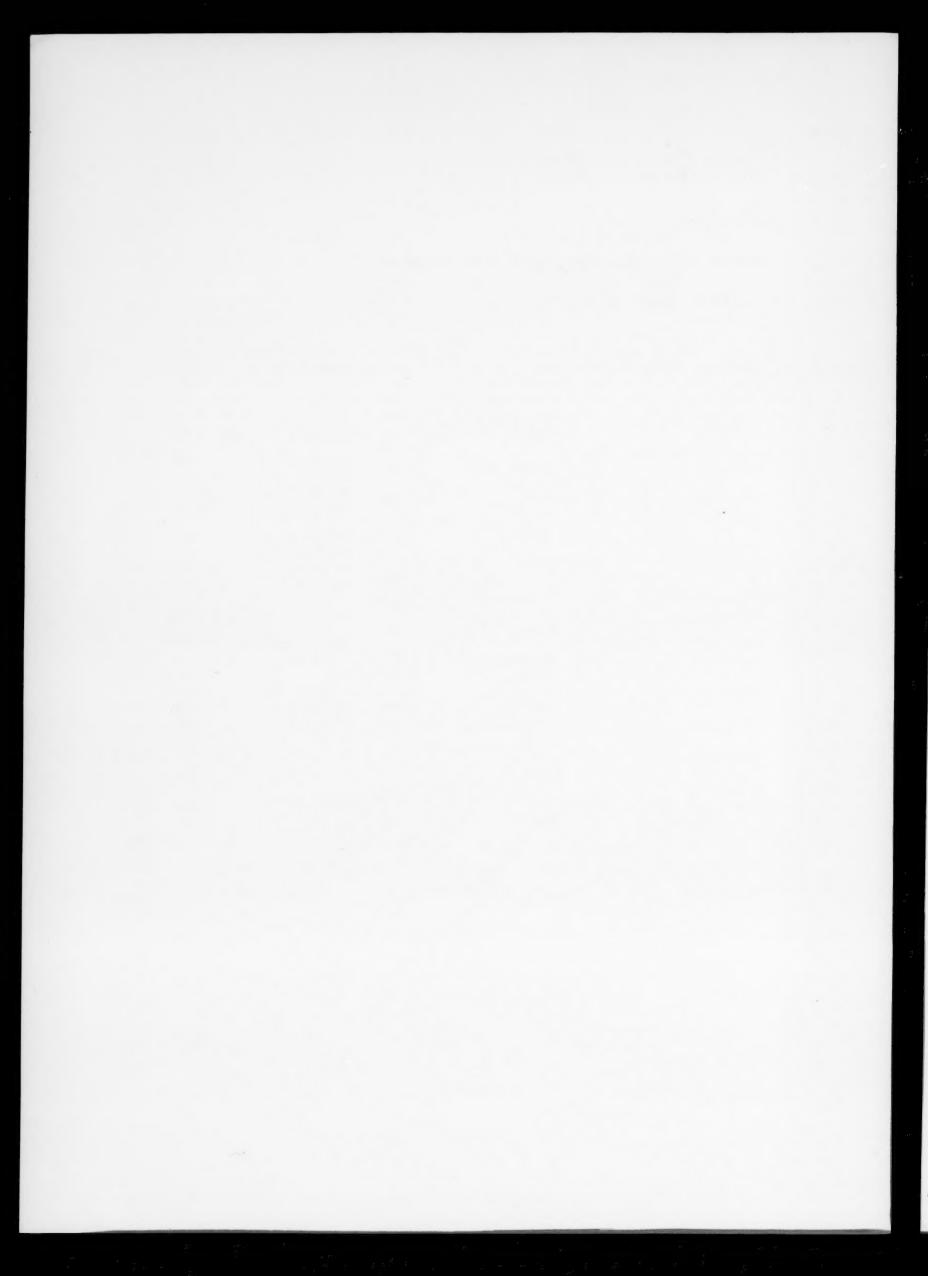
MECHANISMS OF AGEING AND DEVELOPMENT

AUTHOR INDEX

Volume 50 (1989)

Ajiboye, R.	7	Hibbs, A.R.	193	Richardson, A.	227
Aoike, A.	179	Hickler, R.B.	159	Riley, M-L.	81
		Hipkiss, A.R.	37	Rixon, K.C.	. 7
Beswick, H.T.	7	Hosokawa, T.	179	Robinson, D.	71
Blakytny, R.	7	Huby, R.	7	Rokutan, K.	179
Boonstra-Nieveld, I.H.J.	289				0.5
Butler, J.A.	227	Jaberaboansari, A.	257	Sharma, A.	95
				Shinya, K.	27
Carmichael, P.L.	37	Kawai, K.	179	Suzuki, H.	215
Cogan, U.	249	Kim, J.W.	277	Suzuki, M.	17
		Koyama, K.	179	Tada, K.	215
Darmenton, P.	49			Takeda, M.	215
Devirgiliis, L.C.	57	Marui, N.,	179	Talukder, G.	95
Dini, L.	57	Mattson, M.P.	103	Turner, R.J.	81
Dobson, Jr. J.G.	159	Merry, B.J.	81	Turner, R.J.	01
Doffoel, M.	49	Mokady, S.	249	Uehara, Y.	27
,		Morita, H.	215	•	
Ethier, M.F.	159			van Bezooijen, C.F.A.	289
Evans, P.M.	81	Nakamura, K.	179		
		Nakamura, Y.	215	Wada, S.	17
Fletcher, C.	257	Nevo, Z.	71	Waggoner, S.M.	227
·		Nishi, Y.	179	Wahnon, R.	249
Ghosh, B.B.	95	Nishimura, T.	215	Walford, R.L.	193
,				Wallen, C.A.	257
Halperin, N.	71	Ohsawa, T.	169	Wessely, J-Y.	49
Harding, J.J.	7	Okada, S.	27	Wheeler, K.T.	257
Hariguchi, S.	215	Ono, T.	27		
Hayakawa, S.	17			Yoshida, A.	179
Heydari, A.R.	227	Raul, F.	49	Yu, B.P.	277



MECHANISMS OF AGEING AND DEVELOPMENT

SUBJECT INDEX

Volume 50 (1989)

adenosine, aging, inosine, fibroblasts, 159
age, brain, polyunsaturated fatty acids,
phospholipid state, enzyme activities, 17

ageing, glycation, glycosylation, non-enzymatic, carboxylation, post-translational, 7

ageing, glycation, glycosylation, non-enzymic, carbamylation, post-translational, 1

ageing, proteolysis, crystallin fragments, freeradicals, lens, core, cortex, 37

ageing hexobarbital pharmacokinetics rat 289 age intestinal brush-border membrane fluidity 249

age-related change, anti-DNA autoantibody production, con A-inducer suppressor activity, MRL/MpJ - +/+ mice, 179

aging, adenosine, inosine, fibroblasts, 159

aging, brain, cathepsin D, DNase, RNase, β-glucuronidase, 215

aging, galactose-recognition system, liver cells, 57

aging, mathematics, Gompertz, 193

aging, mouse, Akv, DNA methylation, mouse mammary tumor virus, 27

aging, senescence, mouse brain, ganglioside, 169

aging DNA organization nuclear matrix ionizing radiation cerebellar neurons flow cytometry 257

aging malondialdehyde malondialdehyde oxidation aldehyde dehydrogenase food restriction 277

aging of cartilage, chrondrocyte culture, articular cartilage repair, cartilage allografts, induction of hematopoiesis, 71

aging protein phosphorylation dietary restriction 227

Akv, aging, mouse, DNA methylation, mouse mammary tumor virus, 27

aldehyde dehydrogenase malondialdehyde malondialdehyde oxidation aging food restriction 277

anti-DNA autoantibody production, agerelated change, con A-inducer suppressor activity, MRL/MpJ - +/+ mice, 179

articular cartilage repair, aging of cartilage,

chrondrocyte culture, cartilage allografts, induction of hematopoiesis, 71

brain, age, polyunsaturated fatty acids, phospholipid state, enzyme activities, 17 brain, aging, cathepsin D, DNase, RNase, β-

glucuronidase, 215

calcium, excitatory amino acids, growth cones, growth factors, neurodegenerative disorders, neuronal death, neurotransmitters, 103

carbamylation, glycation, glycosylation, nonenzymic, post-translational, ageing, 1

carboxylation, glycation, glycosylation, nonenzymatic, post-translational, ageing, 7

cartilage allografts, aging of cartilage, chrondrocyte culture, articular cartilage repair, induction of hematopoiesis, 71

cathepsin D, aging, brain, DNase, RNase, β-glucuronidase, 215

cerebellar neurons aging DNA organization nuclear matrix ionizing radiation flow cytometry 257

chrondrocyte culture, aging of cartilage, articular cartilage repair, cartilage allografts, induction of hematopoiesis, 71

con A-inducer suppressor activity, age-related change, anti-DNA autoantibody production, MRL/MpJ - +/+ mice, 179

core, proteolysis, crystallin fragments, freeradicals, ageing, lens, cortex, 37

cortex, proteolysis, crystallin fragments, freeradicals, ageing, lens, core, 37

crystallin fragments, proteolysis, free-radicals, ageing, lens, core, cortex, 37

dietary restriction protein phosphorylation aging 227

dietrary restriction, K562, Yac-1, SV40-3T3 targets, natural killer cells, tumours, 81

DNase, aging, brain, cathepsin D, RNase, β glucuronidase, 215

DNA methylation, aging, mouse, Akv, mouse mammary tumor virus, 27

- DNA organization aging nuclear matrix ionizing radiation cerebellar neurons flow cytometry 257
- enzyme activities, age, brain, polyunsaturated fatty acids, phospholipid state, 17
- excitatory amino acids, calcium, growth cones, growth factors, neurodegenerative disorders, neuronal death, neurotransmitters, 103
- fibroblasts, aging, adenosine, inosine, 159
- flow cytometry aging DNA organization nuclear matrix ionizing radiation cerebellar neurons 257
- food restriction malondialdehyde malondialdehyde oxidation aging aldehyde dehydrogenase 277
- free-radicals, proteolysis, crystallin fragments, ageing, lens, core, cortex, 37
- fructose, sucrose, glucose, hydrolytic activity, sugar absorption, ileum, jejunum, 49
- galactose-recognition system, aging, liver cells, 57
- ganglioside, senescence, mouse brain, aging, 169
- glucose, sucrose, fructose, hydrolytic activity, sugar absorption, ileum, jejunum, 49
- β-glucuronidase, aging, brain, cathepsin D, DNase, RNase, 215
- glycation, glycosylation, non-enzymatic, carboxylation, post-translational, ageing, 7
- glycation, glycosylation, non-enzymic, carbamylation, post-translational, ageing, 1 glycosylation, glycation, non-enzymatic,
- glycosylation, glycation, non-enzymatic, carboxylation, post-translational, ageing, 7 glycosylation, glycation, non-enzymic,
- glycosylation, glycation, non-enzymic, carbamylation, post-translational, ageing, 1 Gompertz, mathematics, aging, 193
- growth cones, calcium, excitatory amino acids, growth factors, neurodegenerative disorders, neuronal death, neurotransmitters, 103
- growth factors, calcium, excitatory amino acids, growth cones, neurodegenerative disorders, neuronal death, neurotransmitters, 103
- hexobarbital pharmacokinetics ageing rat 289 human peripheral blood lymphocytes, sister chromatid exchange, trimethyltin chloride, 95
- hydrolytic activity, sucrose, fructose, glucose, sugar absorption, ileum, jejunum, 49

- ileum, sucrose, fructose, glucose, hydrolytic activity, sugar absorption, jejunum, 49
- induction of hematopoiesis, aging of cartilage, chrondrocyte culture, articular cartilage repair, cartilage allografts, 71
- inosine, aging, adenosine, fibroblasts, 159 intestinal brush-border age membrane fluidity
- intestinal brush-border age membrane fluidity 249
- ionizing radiation aging DNA organization nuclear matrix cerebellar neurons flow cytometry 257
- jejunum, sucrose, fructose, glucose, hydrolytic activity, sugar absorption, ileum, 49
- K562, dietrary restriction, Yac-1, SV40-3T3 targets, natural killer cells, tumours, 81
- lens, proteolysis, crystallin fragments, freeradicals, ageing, core, cortex, 37
- liver cells, aging, galactose-recognition system, 57
- malondialdehyde malondialdehyde oxidation aging aldehyde dehydrogenase food restriction 277
- malondialdehyde oxidation malondialdehyde aging aldehyde dehydrogenase food restriction 277
- mathematics, aging, Gompertz, 193
- membrane fluidity age intestinal brush-border 249
- mouse, aging, Akv, DNA methylation, mouse mammary tumor virus, 27
- mouse brain, senescence, ganglioside, aging, 169
- mouse mammary tumor virus, aging, mouse, Akv, DNA methylation, 27
- MRL/MpJ +/+ mice, age-related change, anti-DNA autoantibody production, con Ainducer suppressor activity, 179
- natural killer cells, dietrary restriction, K562, Yac-1, SV40-3T3 targets, tumours, 81
- neurodegenerative disorders, calcium, excitatory amino acids, growth cones, growth factors, neuronal death, neurotransmitters, 103
- neuronal death, calcium, excitatory amino acids, growth cones, growth factors, neurodegenerative disorders, neurotransmitters, 103
- neurotransmitters, calcium, excitatory amino acids, growth cones, growth factors, neurodegenerative disorders, neuronal death, 103

- non-enzymatic, glycation, glycosylation, carboxylation, post-translational, ageing, 7 non-enzymic, glycation, glycosylation, carbamylation, post-translational, ageing, 1 nuclear matrix aging DNA organization ionizing radiation cerebellar neurons flow cytometry 257
- pharmacokinetics hexobarbital ageing rat 289 phospholipid state, age, brain, polyunsaturated fatty acids, enzyme activities, 17
- polyunsaturated fatty acids, age, brain, phospholipid state, enzyme activities, 17
- post-translational, glycation, glycosylation, non-enzymic, carbamylation, ageing, 1
- post-translational, glycation, glycosylation, non-enzymatic, carboxylation, ageing, 7 protein phosphorylation aging dietary restric-
- proteolysis, crystallin fragments, free-radicals, ageing, lens, core, cortex, 37

tion 227

rat hexobarbital pharmacokinetics ageing 289

- RNase, aging, brain, cathepsin D, DNase, β-glucuronidase, 215
- senescence, mouse brain, ganglioside, aging,
- sister chromatid exchange, trimethyltin chloride, human peripheral blood lymphocytes, 95
- sucrose, fructose, glucose, hydrolytic activity, sugar absorption, ileum, jejunum, 49
- sugar absorption, sucrose, fructose, glucose, hydrolytic activity, ileum, jejunum, 49
- SV40-3T3 targets, dietrary restriction, K562, Yac-1, natural killer cells, tumours, 81
- trimethyltin chloride, sister chromatid exchange, human peripheral blood lymphocytes, 95
- tumours, dietrary restriction, K562, Yac-1, SV40-3T3 targets, natural killer cells, 81
- Yac-1, dietrary restriction, K562, SV40-3T3 targets, natural killer cells, tumours, 81

